George Stanley 944-8365

AJ Foss 1000/500
1100/500

1) Rossi installer -
2) 500 plus fees) - $35 $150
3) I talk to Phil
(who's paying me)
4) you responsible for
choosing pipe out
bldg

Spoke w/ Kevin Kelley -
says he meets criteria
just needs design
+ 225 GPD.

Jim Parsons elec

1 Bedroom
~~cot~~ apartment

Spoke w/ Bob Rossi

500
150
35
mailed twice

Vigneau
4550-2598
Philip A Towle

see 450

CA 2005073766

450

Called George 10/30
1) 10 chambers
NOT 8
2) state [may] call this
commercial OK

10 min/in
x 6.75

# APPROVAL FOR CONSTRUCTION

CA2008095525 — N.H. DEPARTMENT OF ENVIRONMENTAL SERVICES, SUBSURFACE SYSTEMS BUREAU, P.O. BOX 95, 29 HAZEN DRIVE, CONCORD, NH 03302-0095 — CA2008095525 APPROVAL NO.

THE PLANS AND SPECIFICATIONS FOR SEWAGE OR WASTE DISPOSAL SYSTEM SUBMITTED FOR:

OWNER: PHILIP TOWLE
12 OLD STAGE RD
HAMPTON FALLS NH 03844

COPY SENT TO:
PERC INSPECTOR, TOWN OFFICES
1 DRINKWATER RD
HAMPTON FALLS NH 03844

BY APPLICANT: PERMIT NO. 00348
STOCKTON SERVICES
PO BOX 1306
HAMPTON NH 03843-1306

Map No./Lot No.: 5/20
Subd. Appvl. No.: PRE 67
Subd. Name:
County: ROCKINGHAM
Registry Book No.: 4550
Registry Page No.: 2596
Probate Docket No.: (If Applicable)
Type of System: N
3.5 BR
525 GPD
Town/City Location: HAMPTON FALLS
Street Location: 12 OLD STAGE ROAD

Subsurface waste disposal systems must be operated and maintained in a manner so as to prevent nuisance or health hazard due to system failure. (RSA 485-A:37)

It is unlawful to discharge any hazardous chemicals or substances into subsurface waste disposal systems. Included are paints, thinners, gasoline and chlorinated hydrocarbon solvents such as TCE, sometimes used to clean failed septic systems and auto parts. (Env-Ws 1503.04)

**ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED BELOW CONDITIONS**

2-BEDROOM HOME AND 1-BEDROOM APARTMENT. 525 GPD MAX.

1. SYSTEM MUST BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

11/17/2008 CHRISTOPHER P MOORE
N.H. Department of Environmental Services Staff

Approved this date: _____ By: _____
Date amended: _____ Amended by: _____

(OVER)

REVISED 8/01

200604541

APPLICANT'S

FIRM IN PLACE, FRIABLE REMOVED

ESHWT @ 72"+ (NO EVIDENCE), NO OBSERVED WATER, NO REFUSAL
ROOTS TO 28"+

## PT PERC TEST DATA

DATE 6/27/05

PERC RATE: 10 MIN/IN DEPTH: 22"

DESIGN LOADING: PREVIOUSLY APPROVED 3 BEDROOM DESIGN LOADING TO BE REPLACED AS FOLLOWS: EXISTING 2 BEDROOM HOUSE PLUS 1 BEDROOM APARTMENT (225 GPD) = 300+225 = 525 GPD REVISED DESIGN LOADING

AREA REQUIRED: 185 X 525/100 = 971 X 1.25 (TOWN)=1214 SF
1214 SF X 0.6 CHAMBERS = 728 SF REQUIRED

AREA PROPOSED: 4X8 CHAMBERS, 20 EXISTING + 4 PROPOSED = 16' X 48' = 768 SF CHAMBER AREA PROVIDED

PROPOSED REVISED

## SEPTIC SYSTEM PLAN

PREVIOUS APPROVAL # CA2005073766

RECEIVED
NOV 05 2008
By Subsurface

LOCUS: 12 OLD STAGE ROAD
HAMPTON FALLS, NH

OWNER: PHILIP TOWLE
12 OLD STAGE ROAD
HAMPTON FALLS, NH 03844

APPROVED
Town of Hampton Falls
Septic System Examiner
11/13/08

NEW HAMPSHIRE
Designer
of
Subsurface Disposal
Systems
* * *
Ann W. Bialobrzeski
No. 348
Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843-1306
603 929-7404

DATE: NOVEMBER 3, 2008

APPROVAL: _____

555

The State of New Hampshire

**DEPARTMENT OF ENVIRONMENTAL SERVICES**

**Thomas S. Burack, Commissioner**

November 5, 2008

ANNE W BIALOBRZESKI
STOCKTON SERVICES
PO BOX 1306
HAMPTON NH 03843-1306

RE: Towle, Lot 20, Hampton Falls

Dear Ms. Bialobrzeski:

The Department has received an application and plans for the subject subdivision/individual subsurface disposal system. We regret to inform you that your application cannot be processed at this time because the following information is missing:

- **Local Approval**

Other: **The town of Hampton Falls requires prior local approval, therefore, please have the town stamp and sign the enclosed plans. Thank you.**

Due to the volume of plans that we receive daily, we can no longer be responsible for holding incomplete submittals. Accordingly, your incomplete submittal package is being mailed back to you.

***PLEASE RETURN THIS LETTER WITH YOUR RESUBMISSION.***

To avoid any more delays in processing, please make sure your re-submittal is complete.

Sincerely,

Debbie Brown

Debbie Brown
Subsurface Systems Bureau

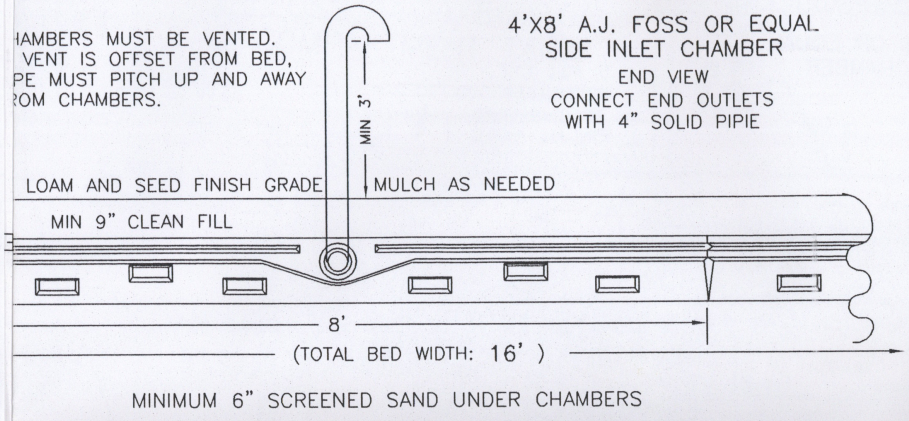
db
Enclosures

Need screw-up

DES Web site: **www.des.nh.gov**
**P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095**
Telephone: (603) 271-3501 • Fax: (603) 271-6683 • TDD Access: Relay NH 1-800-735-2964

HAMBERS MUST BE VENTED.
VENT IS OFFSET FROM BED,
PE MUST PITCH UP AND AWAY
ROM CHAMBERS.

4'X8' A.J. FOSS OR EQUAL
SIDE INLET CHAMBER
END VIEW
CONNECT END OUTLETS
WITH 4" SOLID PIPIE




MINIMUM 6" SCREENED SAND UNDER CHAMBERS

SIDEWALL TO BE
FILTER FABRIC

CA 2008095525

TP TEST PIT DATA

DATE: JUNE 8, 2005

TOWN INSPECTOR: RICHARD BOND

TEST PIT #1 ELEV 96.5

0 – 4" 10YR3/4 LOAM AND ROOT MAT
4 –36" 10YR4/4 FINE SANDY LOAM, GRANULAR FRIABLE
36–38" ORIGINAL TOPSOIL
38–84" 2.5Y4/4 GRAVELLY FINE SANDY LOAM, SOME SILT, GRANULAR FRIABLE TO 5', FIRMER BELOW

ESHWT @ 60"+, NO OBSERVED WATER, NO REFUSAL
ROOTS TO 5'+

TEST PIT #2 ELEV 97.2

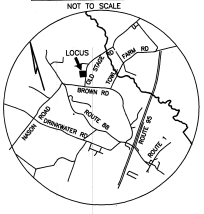
0 – 8" 10YR3/4 LOAM AND ROOT MAT
8 –26" 10YR4/4 GRAVELLY COARSE SAND LOOSE, SINGLE GRAIN
26–84" 2.5Y4/4 GRAVELLY FINE SANDY LOAM

NOV 14 2008

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE
REQUIREMENTS OF THE
NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
Signed
Date 11/12/08

## LOCUS MAP

NOT TO SCALE




SOIL CLASS: 510 HOOSIC

(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET NAIL ROOT 20" ASH ELEV 97.31

#2 SET NAIL 14" OAK ELEV 99.46

#3 SET HUB ELEV 98.34

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 95.4
2. THERE IS/ARE APPROX 24" FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS.

SUITABLE REPLACEMENT AREA:

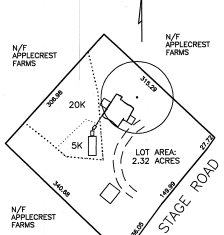
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

| | |
|---|---|
| 50 (50) | EXISTING CONTOUR |
| | PROPOSED CONTOUR |
| 50.0 | EXISTING SPOT ELEVATION |
| (50.0) | PROPOSED SPOT ELEVATION |

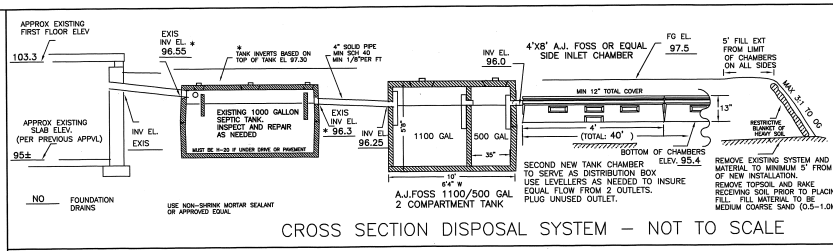
NOTES:

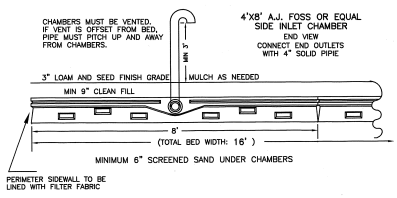
1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE: RCRD PLAN C31990
2. NHDES–WSA/PCD SUBDIVISION APPROVAL NUMBER: N/A LOT OF RECORD PRE 1967 PREVIOUS CONSTRUCTION APPROVAL # 86177
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
4. NO SURFACE WATER OR WELL WITHIN 100' OF PROPOSED SYSTEM.




## PLOT PLAN

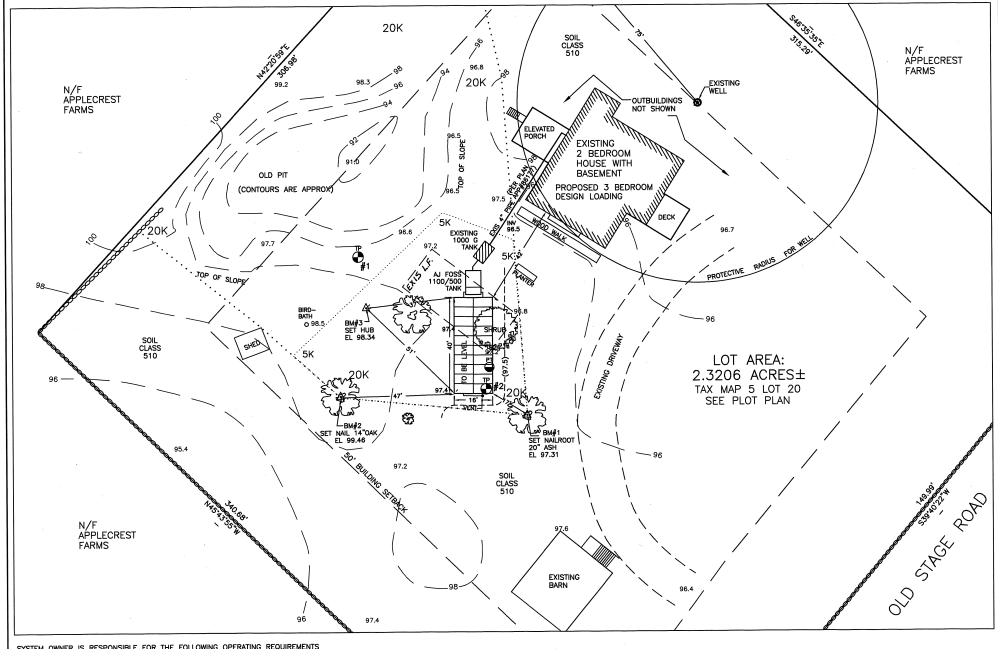
1"=APPROX 100'


APPROX EXISTING FIRST FLOOR ELEV
103.3
EXIS INV EL. * 96.55
* TANK INVERTS BASED ON TOP OF TANK EL 97.30
4" SOLID PIPE MIN SCH 40 MIN 1/8"/FT
APPROX EXISTING SLAB ELEV. (PER PREVIOUS APPVL)
95±
INV EL. EXIS
EXISTING 1000 GALLON SEPTIC TANK. INSPECT AND REPAIR AS NEEDED
MUST BE H-20 IF UNDER DRIVE OR PAVEMENT
EXIS INV EL. * 96.3
INV EL. 96.25
1100 GAL
500 GAL
35"
12" 6'4" W
A.J.FOSS 1100/500 GAL 2 COMPARTMENT TANK
INV EL. 96.0
4'X8' A.J. FOSS OR EQUAL SIDE INLET CHAMBER
FG EL. 97.5
5' FILL EXT FROM LIMIT OF CHAMBERS ON ALL SIDES
MIN 12" TOTAL COVER
13"
4' (TOTAL: 40' )
BOTTOM OF CHAMBERS ELEV. 95.4
MAX 3:1 TO OG
RESTRICTIVE BUMPS OF HEAVY SOIL
SECOND NEW TANK CHAMBER TO SERVE AS DISTRIBUTION BOX USE LEVELLERS AS NEEDED TO INSURE EQUAL FLOW FROM 2 OUTLETS. PLUG UNUSED OUTLET.
REMOVE EXISTING SYSTEM AND ORGANIC MATERIAL TO MINIMUM 5' FROM LIMIT OF NEW INSTALLATION.
REMOVE TOPSOIL AND RAKE RECEIVING SOIL PRIOR TO PLACING FILL. FILL MATERIAL TO BE MEDIUM COARSE SAND (0.5–1.0MM)
NO FOUNDATION DRAINS
USE NON–SHRINK MORTAR SEALANT OR APPROVED EQUAL


CHAMBERS MUST BE VENTED. IF VENT IS OFFSET FROM BED, PIPE MUST PITCH UP AND AWAY FROM CHAMBERS.
4'X8' A.J. FOSS OR EQUAL SIDE INLET CHAMBER
END VIEW
CONNECT END OUTLETS WITH 4" SOLID PIPE
MIN 1'
3" LOAM AND SEED FINISH GRADE
MULCH AS NEEDED
MIN 9" CLEAN FILL
8'
(TOTAL BED WIDTH: 16' )
MINIMUM 6" SCREENED SAND UNDER CHAMBERS
PERIMETER SIDEWALL TO BE LINED WITH FILTER FABRIC

## CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

## PLAN : 1"=20'




SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION PIPES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

## TEST PIT DATA

DATE: JUNE 8, 2005

TOWN INSPECTOR: RICHARD BOND

TEST PIT #1 ELEV 96.5

| | |
|---|---|
| 0 – 4" | 10YR3/4 LOAM AND ROOT MAT |
| 4 –36" | 10YR4/4 FINE SANDY LOAM, GRANULAR FRIABLE |
| 36–38" | ORIGINAL TOPSOIL |
| 38–84" | 2.5Y4/4 GRAVELLY FINE SANDY LOAM, SOME SILTS GRANULAR FRIABLE TO 5', FIRMER BELOW |

ESHWT @ 60"+, NO OBSERVED WATER, NO REFUSAL ROOTS TO 5'+

TEST PIT #2 ELEV 97.2

| | |
|---|---|
| 0 – 8" | 10YR3/4 LOAM AND ROOT MAT |
| 8 –26" | 10YR4/4 GRAVELLY COARSE SAND LOOSE, SINGLE GRAIN |
| 26–84" | 2.5Y4/4 GRAVELLY FINE SANDY LOAM FIRM IN PLACE, FRIABLE REMOVED |

ESHWT @ 72"+ (NO EVIDENCE), NO OBSERVED WATER, NO REFUSAL ROOTS TO 28"+

## PERC TEST DATA

DATE: 6/27/05

PERC RATE: 10 MIN/IN DEPTH: 22"

DESIGN LOADING: 3 BEDROOMS

AREA REQUIRED: 825 SF X 1.25 HAMPTON FALLS = 1031 SF
1031 SF X 0.6 CHAMBERS = 619 SF

AREA PROPOSED: TWENTY 4X8 CHAMBERS = 16' X 40' = 640 SF CHAMBER AREA PROVIDED

PROPOSED REPLACEMENT

# SEPTIC SYSTEM PLAN

PREVIOUS APPROVAL # 86177

LOCUS: 12 OLD STAGE ROAD
HAMPTON FALLS, NH

OWNER: RODNEY B. VIGNEAU
12 OLD STAGE ROAD
HAMPTON FALLS, NH 03844

NEW HAMPSHIRE Designer of Subsurface Disposal Systems Ann W. Bobbozzoli No. 348

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306

DATE: JULY 5, 2005

APPROVAL: CAZ005073766